AMENDMENTS TO THE SPECIFICATION:

Please replace the following paragraph on beginning on page 46, line 17 with the following paragraph:

A BLAST search of the complete GenBank database was conducted with the sequence of an oligonucleotide RE4-181F [3'-GAGAAGGTTCAGGAACACTACAATTACACCAA GGA-3'](SEQ ID NO:1), based on the sequence of rat EDG-4. The search identified a human EST (GenBank accession AA804628), which was 88% identical to the corresponding region of rat EDG-4 cDNA (GenBank accession U10699). A subsequent TBLASTN search of the EST database using the predicted polypeptide product of the rat EDG-4 cDNA (according to accession number U10699) revealed 2 other matching EST's (accession AA827835 and AA834537) in addition to the original human EST. The 3 EST's encompassed the predicted translation start site of human EDG-4 (based on similarity to rat EDG-4), overlapped each other extensively, and together spanned some 109 codons of the N-terminal portion of the human EDG-4 polypeptide (Figure 14). The predicted fragment of the human EDG-4 polypeptide showed 90.1% identity and 93.3% similarity to the equivalent fragment of rat EDG-4, suggesting the human polypeptide is an ortholog of the rat EDG-4 gene product, rather than a closely related gene product. A BLAST search was then conducted with the complete sequence of rat EDG-4 cDNA (accession number U10699) against the EST database. In addition to the previously identified EST's, 2 EST's apparently derived from the 3'-untranslated region of human EDG-4 cDNA adjacent to the poly(A) tail were found (AA767046 and N93714). Of the 5 human EST's identified in total, only

N93714 was present in the public database before February 19, 1998. This EST was derived from the 3' end of a 1421 by cDNA insert which contained no coding region. The closest match recorded in the DBEST database entry (accession 500502) was a cGMP phosphodiesterase. The 5' end of the clone had been sequenced and given the GenBank accession W21101; however, similarity to other cDNAs was obscured by the presence of an Alu sequence.

Please replace the following paragraph on page 47, beginning at line 15 with the following paragraph:

HE4-DF1 [5'-ATTATACCAAGGAGACGCTGGAAAC-3'] (SEQ. ID NO:2)

HE4-DR1 [5'-AGAGAGCAAGGTATTGGCTACGAAG-3'] (SEQ. ID NO:3)

Please replace the following paragraph on page 47, beginning at line 18 with the following paragraph:

HE4-DF2 [5'-TCCTCTCCTCGTCACATTTCCC-3'] (SEQ. ID NO:4)

HE4-DR2 [5'-GCATTCACAAGAAATTACTCTGAGGC-3'] (SEQ. ID NO:5)

Please replace the following paragraph on page 49, beginning at line 4 with the following paragraph:

HE4-DF3 [5'GAGCCCCACCATGGGCAGCTTGTACT-3'] (SEQ. ID NO:6)

HE4-DR2 [5'GCATTCACAAGAAATTACTCTGAGGC-3'] (SEQ. ID NO:7)

Please replace the following paragraph on page 50, beginning at line 10 with the following paragraph:

HE4-DF4 [5'-TTTAAAAAGCTTCCCACCATGGGCAGCTTGTACT-3'] (SEQ. ID NO:8)

HE4-DR3 [5'-TATATATCTAGACATTCACAAGAAATTACTCTGAGGC-3'] (SEQ. ID NO:9)

HE4-DR4 [5'-TATATATCTAGAGGAAATGTGACGAGGAGAGG-3'] (SEQ. ID NO:10)

Please replace the following paragraph on page 62, beginning at line 7 with the following paragraph:

HE4-ATG KpnF: [5'-TTTAAAGGTACCGCCACCATGGGCAGCTTGTAC-3'] (SEQ. ID NO:11)

Please replace the following paragraph on page 62, beginning at line 11 with the following paragraph:

HE4-xba/1096R: [5'-TATATATCTAGAGACCACCGTGTTGCCCTCCAG-3'] (SEQ. ID NO:12)